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SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket No.

04712/027002

Serial No.

09/693,120

Applicant

Lee et al.

Filing Date

October 20, 2000

Group

1617

IDS Filed

December 2, 2002

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 C.F.R. §1.98(b))

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
[Handwritten marks]	4,108,690	08/22/78	Heller et al.			
	4,353,888	10/12/82	Sefton			
	4,609,551	09/02/86	Caplan et al.			
	4,620,327	11/04/86	Caplan et al.			
	4,892,538	01/09/90	Aebischer et al.			
	5,007,930	04/16/91	Dorman et al.			
	5,041,138	08/20/91	Vacanti et al.			
	5,197,985	03/30/93	Caplan et al.			
	5,226,914	07/13/93	Caplan et al.			
	5,486,359	01/23/96	Caplan et al.			
	5,508,342	04/16/96	Antonucci et al.			
	5,514,378	05/07/96	Mikos et al.			
	5,569,442	10/29/96	Fulmer et al.			
	5,571,493	11/05/96	Fulmer et al.			
	5,580,623	12/03/96	Fulmer et al.			
	5,650,176	07/22/97	Lee et al.			
	5,676,976	10/14/97	Lee et al.			
	5,683,461	11/04/97	Lee et al.			
	5,683,496	11/04/97	Ison et al.			
	5,683,667	11/04/97	Fulmer et al.			

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	04712/027002	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.	09/693,120	
				Applicant	Lee et al.	
				Filing Date	October 20, 2000	
				Group	1617	
				IDS Filed	December 2, 2002	
(37 C.F.R. §1.98(b))						
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
}	5,697,981	12/16/97	Ison et al.	}	}	
	5,702,717	12/30/97	Cha et al.			
	5,783,217	07/21/98	Lee et al.			
	5,904,716	05/18/99	Gendler			
	5,968,253	10/19/99	Poser et al.			
	5,980,482	11/09/99	Tofighi et al.			
	6,117,456	09/12/00	Lee et al.			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
}	WO 94/08458	04/28/94	PCT	}	}	
	WO 94/25080	11/10/94	PCT			
	WO 96/03160	02/08/96	PCT			
	WO 98/16209	04/23/98	PCT			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
}	Atala et al., "Injectable Alginate Seeded with Chondrocytes as a Potential Treatment for Vesicoureteral Reflux," <i>J. Urol.</i> 150:745-747, 1993.					
	Athanasou et al., "Cellular Biology of Bone-Resorbing Cells," <i>J. Bone Joint Surg. Am.</i> 78:1096-1112, 1996.					
	Attawia et al., "Osteoblast-Like Cell Adherence and Migration through 3-Dimensional Porous Polymer Matrices," <i>Biochem. Biophys. Res. Commun.</i> 213:639-644, 1995.					
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SUBSTITUTE FORM PTO-1449
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PATENT AND TRADEMARK OFFICE

Attorney Docket No.

04712/020005

Serial No.

08/729,342

Applicant

Lee et al.

Filing Date

October 16, 1996

Group

1502

IDS Filed

January 6, 2000

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INFORMATION DISCLOSURE
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(37 C.F.R. §1.98(b))

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
	4,157,378	06/05/79	Tomlinson et al			
	4,346,709	08/31/82	Schmitt			
	4,347,234	08/31/82	Wahlig et al.			
	4,429,691	02/07/84	Niwa et al.			
	4,612,053	09/16/86	Brown et al.			
	4,684,673	08/04/87	Adachi			
	4,737,411	04/12/88	Graves, Jr. et al.			
	4,842,603	06/27/89	Draenert			
	4,849,193	07/18/89	Palmer et al.			
	4,880,610	11/14/89	Constantz			
	Re. 33,161	02/06/90	Brown et al.			
	4,917,702	04/17/90	Scheicher et al.			
	Re. 33,221	05/22/90	Brown et al.			
	4,938,938	07/03/90	Ewers et al.			
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	5,034,059	07/23/91	Constantz			
	5,037,639	08/06/91	Tung			
	5,047,031	09/10/91	Constantz			
	5,053,212	10/01/91	Constantz et al.			
	5,085,861	02/04/92	Gerhart et al.			
	5,129,905	07/14/92	Constantz			
	5,149,368	09/22/92	Liu et al.			
	5,152,836	10/06/92	Hirano et al.			
	5,164,187	11/17/92	Constantz et al.			
	5,178,845	01/12/93	Constantz et al.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. §1.98(b))				Serial No.	09/693,120
				Applicant	Lee et al.
				Filing Date	October 20, 2000
				Group	1617
				IDS Filed	December 2, 2002
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
3		Törmälä, "Biodegradable Self-Reinforced Composite Materials; Manufacturing Structure and Mechanical Properties," <i>Clin. Mater.</i> 10:29-34, 1992.			
7		Yamamura et al., "Antitumor Effects and Distribution of Adriamycin Incorporated into Hydroxyapatite Implants in a Cancer Rat Model Bearing Swarm Rat Chondrosarcoma," <i>Japanese Journal of Pharmacology</i> 66:433-438, 1994.			
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Attorney Docket No.

04712/020005

Serial No.

08/729,342

Applicant

Lee et al.

Filing Date

October 16, 1996

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1502

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U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
T	5,262,166	11/16/93	Liu et al.			
	5,279,831	01/18/94	Constantz et al.			
	5,281,265	01/25/94	Liu			
	5,286,763	02/15/94	Gerhart et al.			
	5,336,264	08/09/94	Constantz et al.			
	5,342,441	08/30/94	Mandai et al.			
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	5,399,665	03/21/95	Barrera et al.			
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	5,516,532	05/14/96	Atala et al.			
	5,522,893	06/04/96	Chow et al.			
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	5,565,502	10/15/96	Glimcher et al.			
	5,605,713	02/25/97	Glimcher et al.			
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	5,665,120	09/09/97	Ohtsuka et al.			
	5,691,397	11/25/97	Glimcher et al.			
	5,700,289	12/23/97	Breitbart et al.			

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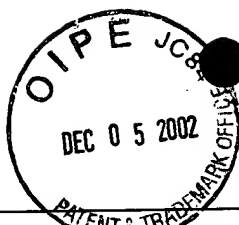
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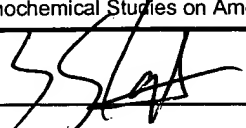
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		(37 C.F.R. §1.98(b))		Serial No.	09/693,120
				Applicant	Lee et al.
				Filing Date	October 20, 2000
				Group	1617
				IDS Filed	December 3, 2002
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
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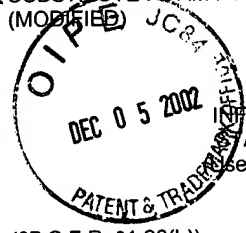
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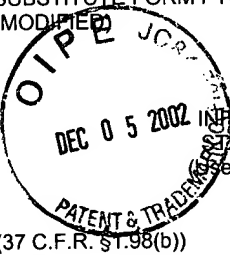
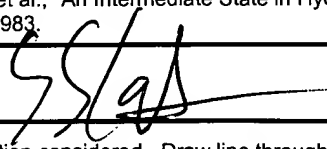
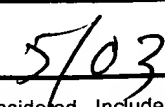
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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	04712/020005	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.	08/729,342	
				Applicant	Lee et al.	
				Filing Date	October 16, 1996	
				Group	1502	
(37 C.F.R. §1.98(b))				IDS Filed	January 6, 2000	
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO 92/00109	01/09/92	PCT			
	WO 92/02453	02/20/92	PCT			
	WO 94/02412	02/03/94	PCT			
	WO 94/04657	03/03/94	PCT			
	WO 94/20064	09/15/94	PCT			
	WO 95/08319	09/23/94	PCT			
	WO 96/36562	11/21/96	PCT			
	WO 97/17285	05/15/97	PCT			
	EP 0 268 463	05/25/88	Europe			
	EP 0 347 028	12/20/89	Europe Abstract only			
	EP 0 664 133	07/26/95	Europe			
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	JP 63170205	07/14/88	Japan			
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	JP 6228011	08/16/94	Japan abstract only			
JP 7277712	10/24/95	Japan abstract only				
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)				
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		Filing Date October 16, 1996		Group 1502	
		IDS Filed		January 6, 2000	
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04712/018002

Serial No.

09/153,133

Applicant

Lee et al.

Filing Date

September 15, 1998

Group

1616

IDS Filed

February 9, 2000

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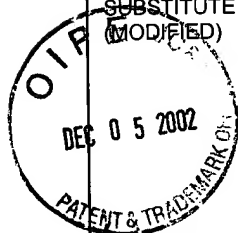
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Attorney Docket No.	04712/018002
Serial No.	09/153,133
Applicant	Lee et al.
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